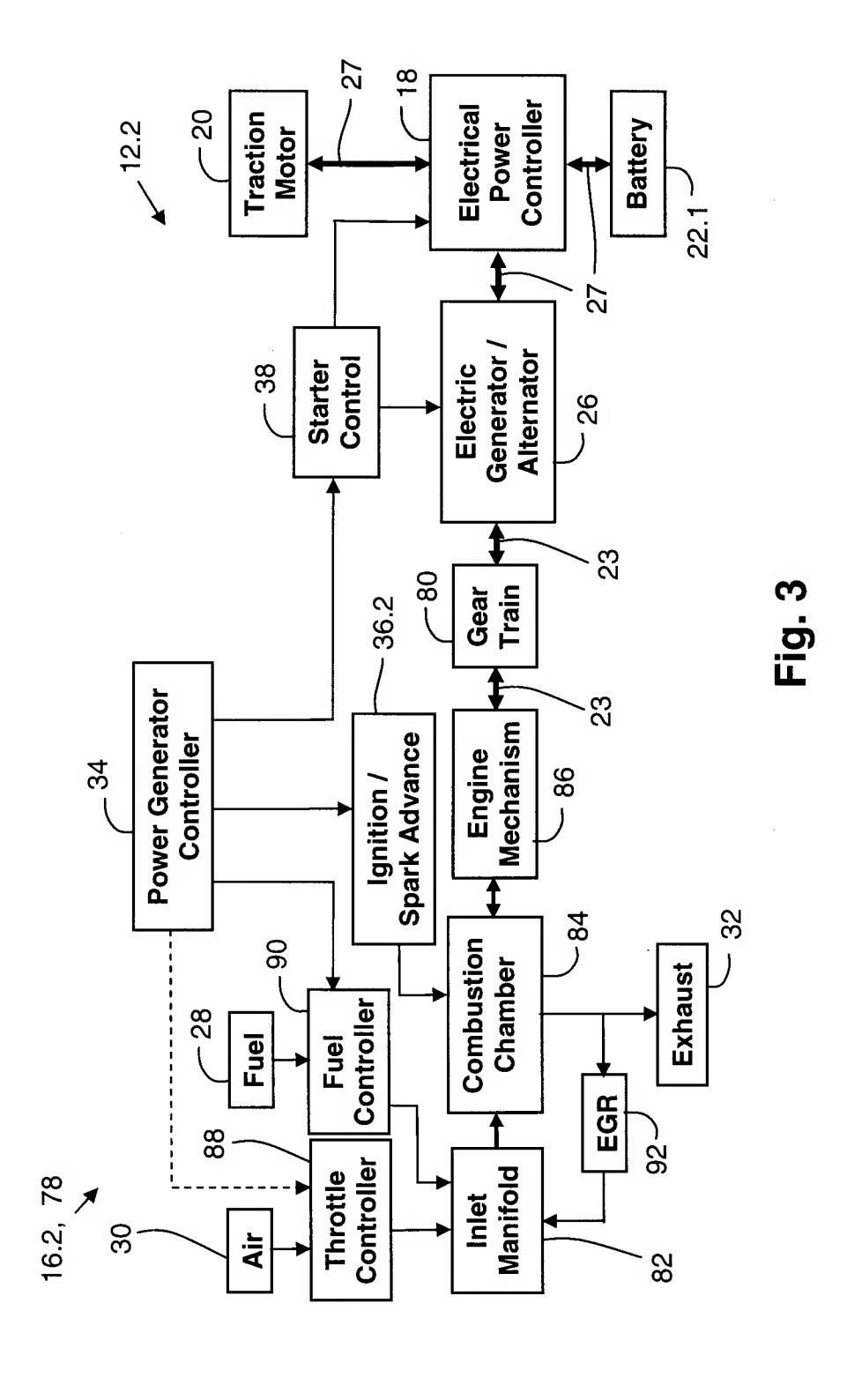


Fig. 2



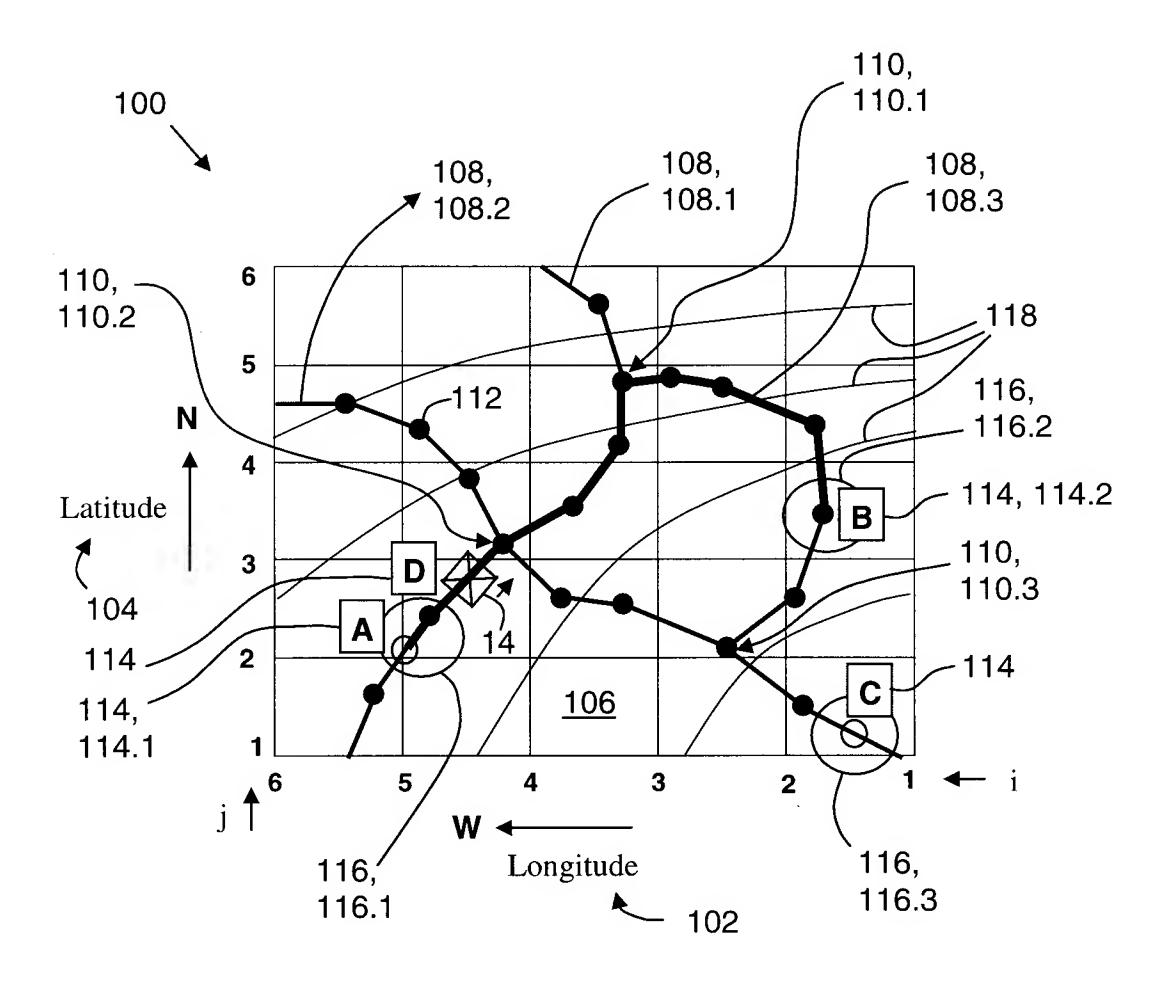


Fig. 4

Southe	east Corner			
Latitude	Longitude	RoadList_ptr	DestinationCircleList_ptr	IntersectionList_ptr
Latitude(1)	Longitude(1)	RoadList_ptr(1,1)	DestinationCircleList_ptr(1,1)	IntersectionList_ptr(1,1)
Latitude(1)	Longitude(2)	RoadList_ptr(1,2)	DestinationCircleList_ptr(1,2)	IntersectionList_ptr(1,2)
	===		•••	•••
Latitude(1)	Longitude(M)	RoadList_ptr(1,M)	DestinationCircleList_ptr(1,M)	IntersectionList_ptr(1,M)
Latitude(2)	Longitude(1)	RoadList_ptr(2,1)	DestinationCircleList_ptr(2,1)	IntersectionList_ptr(2,1)
•••	••		•••	•••
Latitude(N	Longitude(M)	RoadList_ptr(N,M)	DestinationCircleList_ptr(N,M)	IntersectionList_ptr(N,M)

122

Fig. 5

124

RoadList

	Road_ptr	nodeID_min	nodeID_max
RoadList_ptr_(i,j) ->	Road_ptr(1)	nodeID_min(1)	nodeID_max(1)
	Road_ptr(2)	nodeID_min(2)	nodeID_max(2)
	•••		
	Road_ptr(R(i,j))	nodeID_min(R(i,j))	nodeID_max(R(i,j))
	NULL	Addition to the second	Commence of the Commence of th

Fig. 6a

126

Road Properties

Road_ptr(k)->

					Distanc	e to:		
No	ode_ID	Latitude	Longitude	Elevation	Previous _node	Next _node	Intersection _ID	Destination Circle_ID
	1							
	2							
			•••	* 4 *				
N	Nodes							
N	ULL 🗓	Car 4			a production but			Same An

Fig. 6b

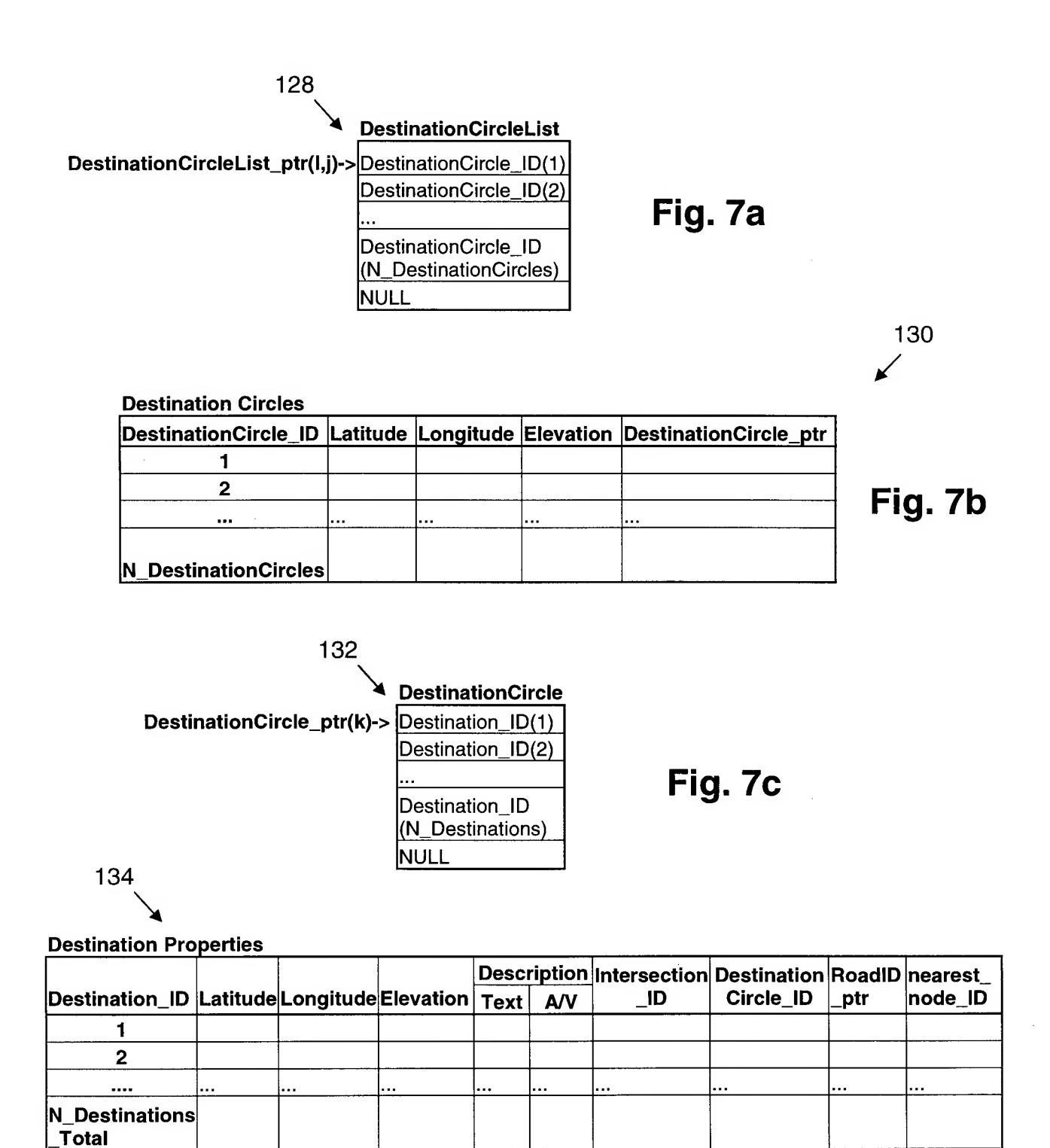
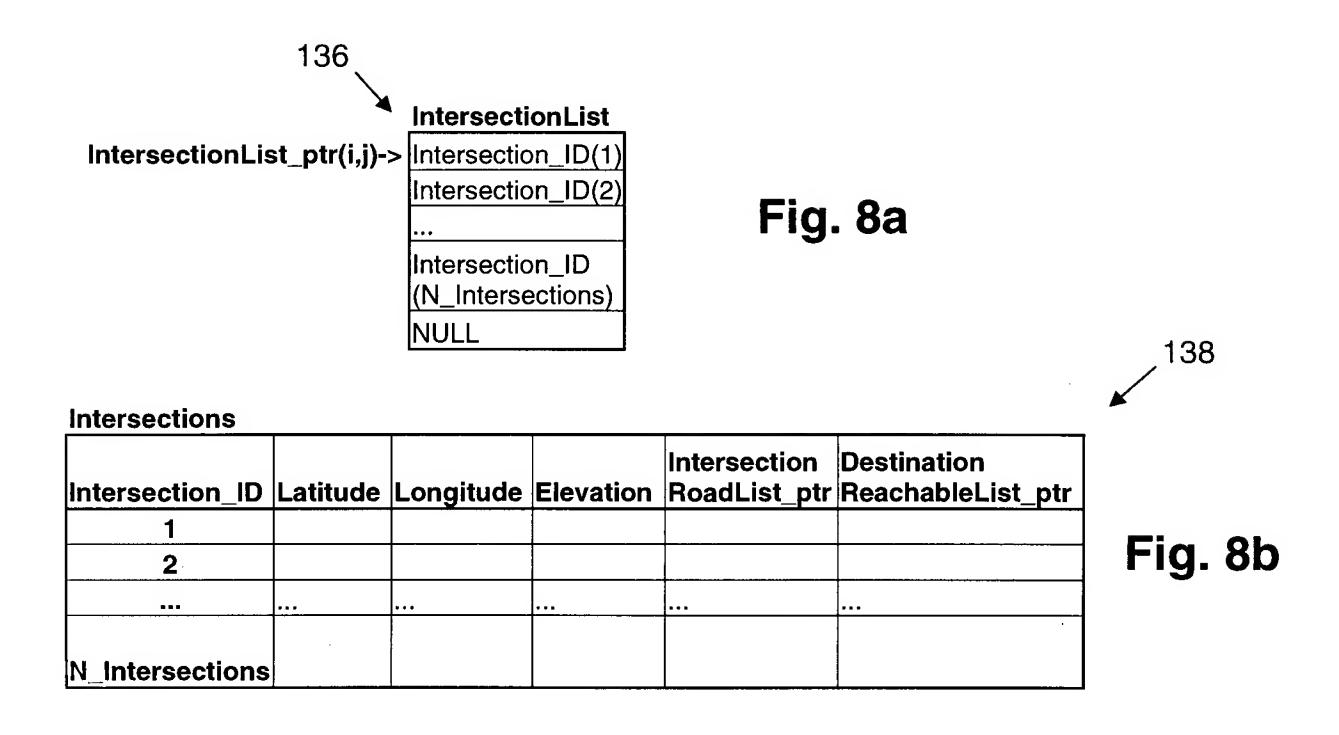


Fig. 7d



142	DestinationReach	ableList
Destination ReachableList_ptr(I)->	Destination_ID	DestinationCircle_ID
	Destination_ID(1)	
	Destination_ID(2)	
Fig. 8d	Destination_ID (Ndestination Reachable)	
	NULL	

ı	· · ·	1		
	∆_Energy			
	ptr Distance Duration Likelihood △ Energy			
	Duration			
	Distance			
	- 1			
	Subsequent Destination_ID			
	meOfDay Next Subsequent Solerance Destination_ID Destination_ID Route			
	TimeOfDay _Tolerance			
ıtions	DayOf Week			
Next Destinations	Destination DayOf Time ID Week OfDay			

Fig. 9

146

	Routes						
Route_ptr(m)->	Road_ptr	Node_ID	Destination_ID	Intersection_ID	distance	elevation	△_Energy
	Road_ptr(1)	Node_ID(1)	Node_ID(1) Destination_ID(1) Intersection_ID(1)	Intersection_ID(1)	0	elevation(1)	0
	Road_ptr(2)	Node_ID (2)	Destination_ID(2)	Road_ptr(2) Node_ID (2) Destination_ID(2) Intersection_ID(2) distance(2) elevation(2) \(\triangle \) Energy (2)	distance(2)	elevation(2)	△ Energy (2)
	÷	•	:	:	÷	:	:
-	Road_ptr	Node_ID	Destination_ID	Intersection_ID	Distance	Elevation	∆_Energy
	(Nnodes)	(Nnodes)	(Nnodes)	(Nnodes)	(Nnodes)	(Nnodes)	(Nnodes)
	NOLL						

Fig. 10

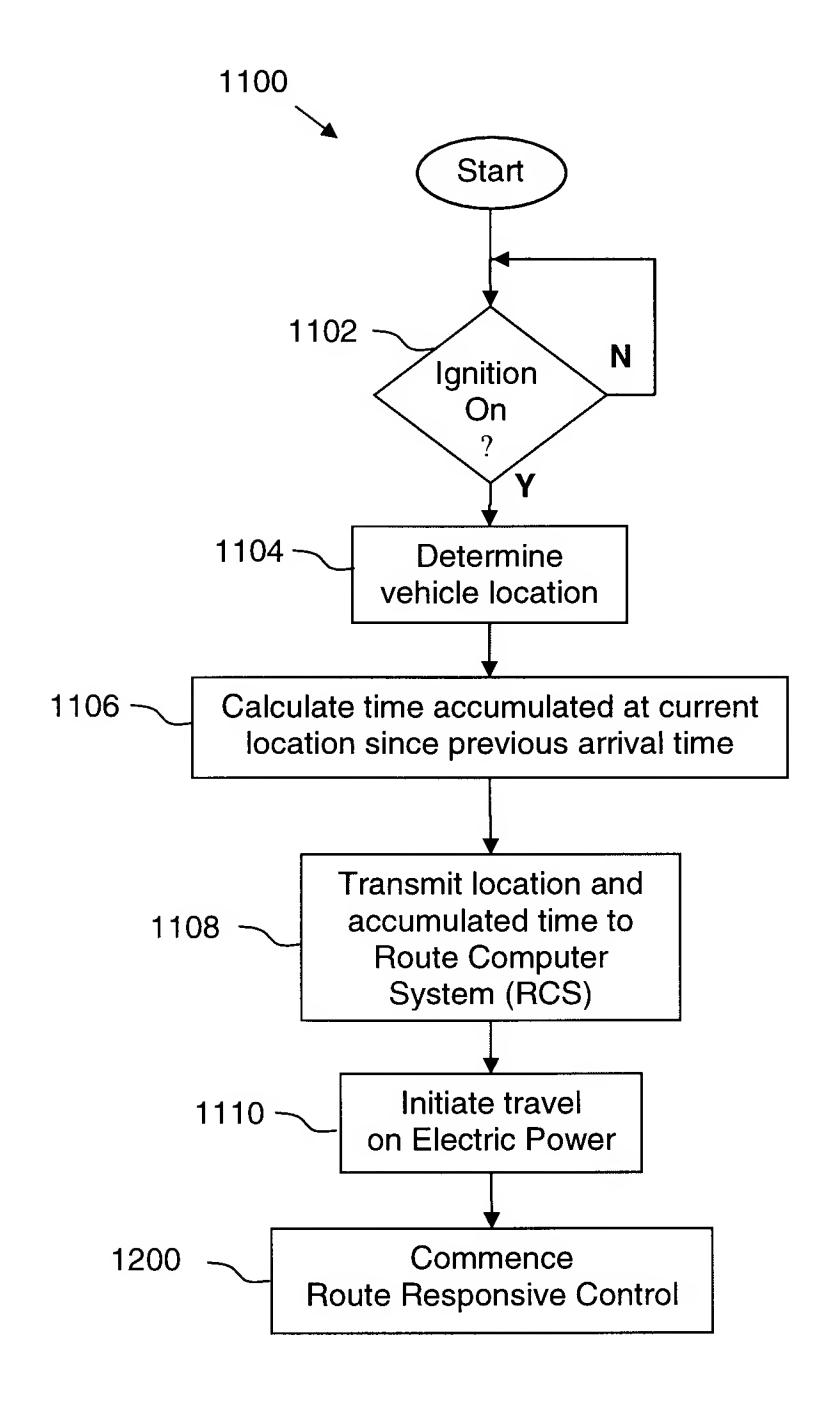


Fig. 11

